

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L1 | 237534 | (space hole aperture mask)same (holder clipper) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 09:23 |
| L2 | 2 | (space hole aperture mask)same (holder clipper)same inner same wall same (hous\$4 apperatus) same (needle syringe) same (transd\$9 ultras\$9) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 09:25 |
| L3 | 2 | (space hole aperture mask)same (holder clipper)same inner same wall same (hous\$4 apperatus) same (needle syringe) and (transd\$9 ultras\$9) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/16 09:26 |
| S1 | 4 | (intravenous near injection) with (position location distance detect\$3) near vein | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:14 |
| S2 | 23 | (injection) with (position location distance detect\$3) near vein | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:16 |
| S3 | 132 | (inject\$3 syringe needle) with (position location distance detect\$3) near vein | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:24 |
| S4 | 9092 | (vein blood (blood near vessel)) near (\$4sensor\$3 \$4detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:18 |
| S5 | 290 | (ultrasound (ultra adj sound)) near (\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:39 |

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| S6 | 11 | "5080103" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:33 |
| S7 | 16 | S4 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:32 |
| S8 | 15896 | (vein blood arter\$3 (blood near vessel)) near (\$4sensor\$3 \$4detect\$3 locat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:22 |
| S9 | 2571 | (ultrasound (ultra adj sound)) with (\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:36 |
| S10 | 194 | S8 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:40 |
| S11 | 10 | ((vein blood arter\$3 (blood near vessel)) near (\$4sensor\$3 \$4detect\$3 locat\$3)) with ((ultrasound (ultra adj sound)) with (\$5processor processor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 13:11 |
| S12 | 345 | 600/461 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:55 |
| S13 | 498 | 600/462 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 12:55 |
| S14 | 50 | S8 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 13:35 |
| S15 | 1 | (\$4sensor\$3 \$4detect\$3 locat\$3))near((vein blood arter\$3 (blood near vessel))with ((ultrasound (ultra adj sound)) with (\$5processor processor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 13:33 |

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| S16 | 2040 | (\$4sensor\$3 \$4detect\$3 locat\$3))same((vein blood arter\$3 (blood near vessel))and((ultrasound (ultra adj sound)) and (\$5processor processor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:09 |
| S17 | 45 | S16 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 13:47 |
| S18 | 276 | 600/505 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 13:47 |
| S19 | 91 | 600/468 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:29 |
| S20 | 14 | S16 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 13:49 |
| S21 | 16 | ("3622958" "3920011" "3921622" "4290432" "4319580" "4354502" "4689986" "4996992" "5577505" "5632277" "5678553" "5706819" "5902243" "5980459" "6361510" "6408679").PN. OR ("6699191"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:08 |
| S22 | 6541 | (\$4sensor\$3 \$4detect\$3 locat\$3))and((vein blood arter\$3 (blood near vessel))and((ultrasound (ultra adj sound)) and (\$5processor processor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:07 |
| S23 | 1 | S22 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:08 |

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| S24 | 0 | ((("3622958" "3920011" "3921622" "4290432" "4319580" "4354502" "4689986" "4996992" "5577505" "5632277" "5678553" "5706819" "5902243" "5980459" "6361510" "6408679").PN. OR ("6699191").URPN.) with (\$4sensor\$3 \$4detect\$3 locat\$3))same((vein blood arter\$3 (blood near vessel))and((ultrasound (ultra adj sound)) and (\$5processor processor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:10 |
| S25 | 0 | ((("3622958" "3920011" "3921622" "4290432" "4319580" "4354502" "4689986" "4996992" "5577505" "5632277" "5678553" "5706819" "5902243" "5980459" "6361510" "6408679").PN. OR ("6699191").URPN.) and (\$4sensor\$3 \$4detect\$3 locat\$3))same((vein blood arter\$3 (blood near vessel))and((ultrasound (ultra adj sound)) and (\$5processor processor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:10 |
| S26 | 23 | (syringe cylinder\$3) near (move mov\$3 shift\$3 afjust\$3) near (signal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:16 |
| S28 | 1283 | (syringe cylinder\$3) same (move mov\$3 shift\$3 afjust\$3) near (signal\$3 pulse\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:23 |
| S29 | 595496 | (syringe cylinder\$3) same (move mov\$3 shift\$3 afjust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:17 |
| S30 | 16988 | (syringe) same (move mov\$3 shift\$3 afjust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:25 |
| S31 | 1714 | (syringe) near (move mov\$3 shift\$3 afjust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:35 |

EAST Search History

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| S32 | 17 | S31 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:18 |
| S33 | 99 | S16 and "341" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:25 |
| S34 | 1 | S16 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:27 |
| S35 | 45 | S16 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:28 |
| S36 | 0 | S31 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:28 |
| S37 | 74740 | "600"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:29 |
| S38 | 102 | S31 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:29 |
| S39 | 77 | (syringe) near (signal signal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:35 |
| S40 | 15600 | (ultrasound (ultra adj sound)) and(\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:37 |
| S41 | 7 | S39 and S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 14:48 |

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|-----|-------|--|---|----|----|------------------|
| S42 | 3 | "20020133079" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 15:04 |
| S43 | 0 | ("2002/0133079").URPN. | USPAT | OR | ON | 2006/12/18 15:05 |
| S44 | 36 | "4899756" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 15:53 |
| S45 | 27 | "5941889" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 15:53 |
| S46 | 11 | "5678555" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/18 16:07 |
| S47 | 15 | ("4887606" "4945239" "5080103" "5131395" "5309915" "5313951").PN. OR ("5678555"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 16:09 |
| S48 | 11 | "5309915" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 16:13 |
| S49 | 7 | "5131395" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 16:21 |
| S50 | 10 | "5080103" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 16:57 |
| S51 | 15928 | (vein blood arter\$3 (blood near vessel)) near (\$4sensor\$3 \$4detect\$3 locat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:02 |
| S52 | 16319 | (\$4sensor\$3 \$4detect\$3 locat\$3 FIND\$3 LOOK\$3)near (vein blood arter\$3 (blood near vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 08:59 |
| S53 | 74821 | "600"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:00 |

EAST Search History

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| S54 | 4232 | S52 AND S53 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:00 |
| S55 | 15645 | (ultrasound (ultra adj sound)) and(\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:02 |
| S56 | 616 | (ultrasound (ultra adj sound))SAME(vein blood arter\$3 (blood near vessel)) near (\$4sensor\$3 \$4detect\$3 locat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:03 |
| S57 | 344 | S54 AND S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:04 |
| S58 | 3 | "20020133079" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:08 |
| S59 | 1705302 | SENSOR | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:08 |
| S60 | 179 | S57 AND S59 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:22 |
| S61 | 593 | (AUTO ELECT\$4 SELF POWER)NEAR(CANNULAR SYRINGE) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:23 |
| S62 | 8 | S61 AND S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:23 |

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|-----|-------|---|---|----|----|------------------|
| S63 | 104 | "3523523" "20020133079" "5490522" "6517530" "5608210" "5678555" "4530696" "6056692" "6283942" "5309915" "6266550" "6699191" "20020151795" "6730030" "20020002332" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 09:39 |
| S64 | 14 | ("4457311" "5010890" "5080103" "5080104" "5131394" "5148809" "5167165" "5309915" "5557681" "5676689" "5678555" "5865748").PN. OR ("6056692").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 09:57 |
| S65 | 22 | ("3985133" "4111198" "4137913" "4187057" "4213454" "4345594" "4392847" "4394862").PN. OR ("4530696"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 10:13 |
| S66 | 10 | "5678555" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 10:15 |
| S67 | 7 | "5131395" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 10:15 |
| S68 | 26 | "3523523" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 13:42 |
| S69 | 16319 | (\$4sensor\$3 \$4detect\$3 locat\$3 FIND\$3 LOOK\$3)near (vein blood arter\$3 (blood near vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:14 |
| S70 | 0 | (cylinder\$3 pistol pedestal syringe)near (syringe)same (move mov\$3 shift\$3 ajust\$3) near (signal\$3 pulse\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:12 |
| S71 | 943 | (cylinder\$3 pistol pedestal syringe)near (syringe)same (move mov\$3 shift\$3 ajust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:14 |
| S72 | 8 | S69 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:12 |

EAST Search History

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|-----|-------|--|---|----|----|------------------|
| S73 | 0 | (\$4sensor\$3 \$4detect\$3 locat\$3 FIND\$3 LOOK\$3)near (vein blood arter\$3 (blood near vessel)) with (cylinder\$3 pistol pedestal syringe)near (syringe)same (move mov\$3 shift\$3 adjust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:15 |
| S74 | 8 | (\$4sensor\$3 \$4detect\$3 locat\$3 FIND\$3 LOOK\$3)near (vein blood arter\$3 (blood near vessel)) and (cylinder\$3 pistol pedestal syringe)near (syringe)same (move mov\$3 shift\$3 adjust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:15 |
| S75 | 1 | (\$4sensor\$3 \$4detect\$3 locat\$3 FIND\$3 LOOK\$3)near (vein blood arter\$3 (blood near vessel)) same (cylinder\$3 pistol pedestal syringe)near (syringe)same (move mov\$3 shift\$3 adjust\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:16 |
| S76 | 23 | (syringe cylinder\$3) near (move mov\$3 shift\$3 afjust\$3) near (signal\$3 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:25 |
| S77 | 39509 | (syringe cylinder\$3) same (move mov\$3 shift\$3 afjust\$3) same (signal\$3 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:51 |
| S78 | 15928 | (vein blood arter\$3 (blood near vessel)) near (\$4sensor\$3 \$4detect\$3 locat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:55 |
| S79 | 74821 | "600"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:40 |
| S80 | 2574 | (ultrasound (ultra adj sound)) with (\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:56 |
| S81 | 15645 | (ultrasound (ultra adj sound)) and(\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:41 |

EAST Search History

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| S82 | 2 | S77 and S78 and S79 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:41 |
| S83 | 8761 | (motor)same(move mov\$3 shift\$3 adjust\$3) near (signal\$3 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:50 |
| S84 | 233 | S77 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:53 |
| S85 | 923 | (syringe) same (move mov\$3 shift\$3 adjust\$3) same (signal\$3 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:34 |
| S86 | 109 | S85 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:54 |
| S87 | 9 | S86 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:57 |
| S88 | 1 | S80 and S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:57 |
| S89 | 392772 | (ultrasound (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:51 |
| S90 | 243 | S89 and S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:59 |
| S91 | 64 | S90 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:59 |

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| S92 | 8159 | (vein blood arter\$3 (blood near vessel))same (ultrasound (ultra adj sound)transducer) same(signal\$3 pulse\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:25 |
| S93 | 37 | (vein blood arter\$3 (blood near vessel))near (ultrasound (ultra adj sound)transducer) near(signal\$3 pulse\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:24 |
| S94 | 134 | (syringe\$1)same (vein blood arter\$3 (blood near vessel))same (ultrasound (ultra adj sound)transducer) same(signal\$3 pulse\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:29 |
| S95 | 1 | (syringe\$1)near(signal\$3 pulse\$1)same(vein blood arter\$3 (blood near vessel))same (ultrasound (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:31 |
| S96 | 1 | (syringe\$1)near(signal\$3 pulse\$1)with(vein blood arter\$3 (blood near vessel))same (ultrasound (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:31 |
| S97 | 1 | (syringe\$1)near(signal\$3 pulse\$1)with(vein blood arter\$3 (blood near vessel))with (ultrasound (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:31 |
| S98 | 5 | (syringe\$1)with(signal\$3 pulse\$1)with(vein blood arter\$3 (blood near vessel))with (ultrasound (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:32 |
| S99 | 3552 | (syringe)same (signal\$3 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:36 |
| S100 | 434 | S99 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:34 |
| S101 | 254 | S89 and S100 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:34 |

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| S10 2 | 77 | (syringe)near(signal\$3 signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:41 |
| S10 3 | 87 | (syringe)near(signal\$3 signal wave\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:43 |
| S10 4 | 2560 | (syringe pedestal\$! piston\$1)near(signal\$3 signal wave\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:51 |
| S10 5 | 272 | S104 and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:46 |
| S10 6 | 11 | S105 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:46 |
| S10 7 | 54 | (syringe pedestal\$1 piston\$1)near(signal\$3 signal wave\$1) with(ultrasound (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:02 |
| S10 8 | 1 | S79 and S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:53 |
| S10 9 | 1348 | (syringe pedestal\$1 piston\$1)near(vein blood arter\$3 (blood near vessel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 18:08 |
| S11 0 | 0 | S109 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:56 |
| S11 1 | 0 | (syringe pedestal\$1 piston\$1)near(vein blood arter\$3 (blood near vessel)) with (ultrasound (ultra adj sound)) with (\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:57 |

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|----------|-----|--|---|----|----|------------------|
| S11 2 | 4 | syringe near propeller | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:58 |
| S11 3 | 40 | syringe with propeller | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 17:58 |
| S11 5 | 2 | (syringe pedestal\$1 piston\$1 needle)near(signal\$3 signal wave\$1) with (guid\$3 align\$4)near(ultrasound ultra\$4 (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 19:03 |
| S11 6 | 211 | (syringe pedestal\$1 piston\$1 needle inject\$4)near (guid\$3 align\$4)near(ultrasound ultra\$4 (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 19:40 |
| S11 7 | 100 | S116 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 19:25 |
| S11 8 | 9 | (Paltieli.in.) and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 19:36 |
| S11 9 | 1 | (infect\$4 contaminat\$3 disease germs) with(syringe pedestal\$1 piston\$1 needle inject\$4)near (guid\$3 align\$4)near(ultrasound ultra\$4 (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:02 |
| S12 0 | 14 | (cover top lid container) with(syringe pedestal\$1 piston\$1 needle inject\$4)near (guid\$3 align\$4)near(ultrasound ultra\$4 (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 19:44 |
| S12 1 | 10 | (sterile disifect\$4) with(syringe pedestal\$1 piston\$1 needle inject\$4)near (guid\$3 align\$4)near(ultrasound ultra\$4 (ultra adj sound)transducer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 19:45 |

EAST Search History

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| S12 2 | 50 | ("4407294" "4899756" "4911173" "4967752" "5078140" "5158088" "5170790" "5251127" "5280782" "5397323").PN. OR ("5647373"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 19:48 |
| S12 3 | 46 | ("3542014" "3676584" "4273111").PN. OR ("4407294"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 20:12 |
| S12 4 | 50 | ("4407294" "4899756" "4911173" "4967752" "5078140" "5158088" "5170790" "5251127" "5280782" "5397323").PN. OR ("5647373"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 20:20 |
| S12 5 | 1 | "60276396" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 17:32 |
| S12 6 | 45 | "5647373" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:01 |
| S12 7 | 127133 | (infect\$4 contaminat\$3 disease germs cover) with(syringe pedestal\$1 piston\$1 needle inject\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:03 |
| S12 8 | 0 | (cover and lid)near(infect\$4 contaminat\$3 disease germs cover) near(syringe pedestal\$1 piston\$1 needle inject\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:03 |
| S12 9 | 5090 | (cover and lid)same(infect\$4 contaminat\$3 disease germs cover) same(syringe pedestal\$1 piston\$1 needle inject\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:09 |
| S13 0 | 74821 | "600"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:04 |
| S13 1 | 15645 | (ultrasound (ultra adj sound)) and(\$5processor processor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:04 |

EAST Search History

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| S13 2 | 2 | S129 and S131 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:09 |
| S13 3 | 6040 | (cover and lid protector)same(infect\$4 contaminat\$3 disease germs cover) same(syringe pedestal\$1 piston\$1 needle inject\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:09 |
| S13 4 | 8 | S133 and S131 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:12 |
| S13 5 | 83 | S133 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 19:12 |
| S13 6 | 3 | "6575167" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/22 20:00 |
| S13 7 | 45 | "5647373" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/23 12:56 |
| S13 8 | 67 | PARALLEL SAME(ULTRAS\$9) SAME(NEEDLE SYRINGE) AND @AD<"20030827" AND MOTOR | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:59 |
| S13 9 | 54 | PARALLEL SAME(ULTRAS\$9) SAME (propeller move motion MOTOR)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 13:16 |
| S14 0 | 291 | (ULTRAS\$9)and PARALLEL SAME (propeller move motion MOTOR)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:27 |

EAST Search History

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| S14 1 | 39 | PARALLEL SAME(ULTRAS\$9)with (propeller move motion MOTOR)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:47 |
| S14 2 | 6 | PARALLEL SAME(ULTRAS\$9)near (propeller move motion MOTOR)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:31 |
| S14 3 | 0 | PARALLEL SAME(ULTRAS\$9)near (propeller move motion MOTOR)near (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:31 |
| S14 4 | 9073 | (propeller move motion MOTOR)near (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:44 |
| S14 5 | 31 | PARALLEL SAME(ULTRAS\$9) and S144 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:44 |
| S14 6 | 1 | PARALLEL SAME(ULTRAS\$9) same(propeller move motion MOTOR)near (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:44 |
| S14 7 | 40 | PARALLEL SAME(ULTRAS\$9)with (propeller move motion MOTOR auto\$5)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:47 |

EAST Search History

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| S14 8 | 1 | S147 not S139 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:47 |
| S14 9 | 159 | PARALLEL SAME(ULTRAS\$9) SAME(NEEDLE SYRINGE) AND @AD<"20030827" AND (propeller move motion moving MOTOR) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:51 |
| S15 0 | 160 | PARALLEL SAME(ULTRAS\$9) SAME(NEEDLE SYRINGE) AND @AD<"20030827" AND (actuator propeller move motion moving MOTOR) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:51 |
| S15 1 | 57 | PARALLEL SAME(ULTRAS\$9) SAME (propeller move motion MOTOR actuator)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:53 |
| S15 2 | 3 | S151 not S139 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:52 |
| S15 3 | 67 | PARALLEL SAME(ULTRAS\$9) SAME (propeller move motion MOTOR actuator rotary)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:54 |
| S15 4 | 64 | S153 not S152 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:55 |

EAST Search History

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| S15 5 | 10 | S154 not S139 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 12:55 |
| S15 6 | 229 | PARALLEL SAME(ULTRAS\$9) SAME(NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 13:12 |
| S15 7 | 3 | "20020133079" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 13:13 |
| S15 8 | 651 | PARALLEL SAME(signal)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 13:16 |
| S15 9 | 46 | (ULTRAS\$9 transd\$9)same PARALLEL SAME(signal)same (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 13:23 |
| S16 0 | 25 | (ULTRAS\$9 transd\$9)same PARALLEL near (NEEDLE SYRINGE) AND @AD<"20030827" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 13:23 |
| S16 1 | 9 | ("4324236" "4608989" "4671292" "4904240" "5131394" "5158088" "5261409" "5645566").PN. OR ("6068599"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/15 13:35 |